Adapted and modified from USDL Form OSHA-20

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	SECTI	I NO	· · · · · · · · · · · · · · · · · · ·
MANUFACTURER'S NAME INDUSTRIAL POLYCHEMICAL SERVICE			EMERGENCY TELEPHONE NO. 213-321-6515
ADDRESS (Number, Street, City, State, and ZIP Code) P.O. Box 471 , Gardena, California	.90247		
CHEMICAL NAME AND SYNONYMS NA			WELD-ON 713 Solvent Cement for
CHEMICAL FAMILY		FORMULA NA	CPVC plastic pipe.

· SECTION	11 -	HAZAF	RDOUS INGREDIENTS .		
PAINTS, PRESERVATIVES, & SOLVENTS	×	TLV (Units)	ALLOYS AND METALLIC COATINGS	×	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE CPVC Resin (Non-Hazerdou	5)		METALLIC COATINGS		
SOLVENTS Minimum(See Below)	85%	200	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS	.	
OTHERS Dye-Trace Quantity			A CONTRACTOR OF THE PARTY OF		
HAZARDOUS MIXTURES	OF (OTHER LI	DUIDS, SOLIDS, OR GASES	*	TLV (Units)
Tetrahydro Furan (THF) Major			!		
Cyclohexanone very minor					
Methyl ethyl Keton very minor			1		
	Cal	culated	Tlv PPM		200

SEC	TION III -	PHYSICAL DATA	
BOILING POINT (°F.) the lowest boiling point	151	SPECIFIC GRAVITY (H2O=1)	
VAPOR PRESSURE (mm Hs.) 25 C	190	PERCENT, VOLATILE BY VOLUME (%) Approx.	85-90%
VAPOR DENSITY (AIR=1)	2.49	(_RllAC *1) Initially	8.0
soluBility M WAIFE cipitates		· · · · · · · · · · · · · · · · · · ·	
APPEARANCE AND ODOR TAN COLOR I	EDIUM SYR	UPY LIQUID, ETHERAL ODOR	,

SECTION IV - FIRE AND E	XPLOSION HAZARD DA	ATA	
FLASH POINT (Method used) T.O.C. 6 F	FLAMMABLE LIMITS	1.8%	11.8%
DRY CHEMICAL, CARBONDIOXIDE, FOAM ANSUL "F	PURPLEK"- National Ae	r-o-Eoam	
SPECIAL FIRE FIGHTING PROCEDURES Close or confined quarters requireself co			
Positive Pressure hose masks or airline M			USEF
LINUSTRAL FIRE AND EVELOPICAL MATAGES			

1490382

CB/NT

8.7.2.56.2-0003A

THRESHOLD LIMIT VALUE 200 PPM

EFFECTS OF OVEREXPOSURE Severe overexposure may result in nausea, dizziness, headache, can cause narcosis irritation of eyes and nasal passages, normal defatting effect

of solvents on tissue.

EMERGENCY AND FIRST AID PROCEDURES Vapors: Remove to fresh air.

Remove to fresh air.

Remove contaminated clothing and wash skin with water, flush eyes with Liquid:

plenty of water for 15 minutes, call physician, if swallowed, do not induce vomiting,

CALL PHYSICIAN IMMEDIATELY

			14 VI - II	EACTIV	IIY	DATA					
STABILITY	UNSTABLE		CONDITION Reep aw	s to ave	oid n spa	irks a	and op	en Flam	e		
	STABLE									:	
INCOMPATABILITY (Materiels to avoid)	CAUSTIC	AMONIA,	INORGA	ANIC	ACID	:				
HAZARDOUS DECOM	POSITION PRODU	ICTS									
HAZARDOUS	MAY OCCU	R		CONDI	rions	TO AVO	OID '				
POLYMERIZATION	WILL NOT	OCCUR	х	KEEP A	WAY	FROM	HEAT,	SPARKS	AND	OPEN	FLAME

SECTION VII - SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Eliminate all ignition sources,
avoid breathing of vapors, keep liquid out of eyes, flush with large volume of
water.
WASTE DISPOSAL METHOD Incinerate excessive quantities should not be permitted to
enter drains where there is danger of vapor becoming ignited.

	SECTION VIII - SPECIAL P		
for organic	OTECTION (Specify type) None required vapors for confined areas.	with normal	ventilation. Use respirator ppliancerespirator Car. No.45943:
VENTILATION	Local exhause-(preferable)	provide normal	ventilation,
	Low Point 6 Air Changes per	hour	OTHER
Rubber or PV	ves A Gloves are suitable	Chemical sat	fety goggles to prevent spash-
OTHER PROTECTIVE	VE EQUIPMENT CIVIOUS APTON	ing in eyes	•

	SECTION IX .	SPECIAL PRECAUT	IONS		
PRECAUTIONS TO BE T	aken in Handling and sto heat, sparks and open	RING flame. Avoid pro	olonged bre	athing of	vapor
id skin contact,	store between 40 and	110 Degrees F.	1		
OTHER PRECAUTIONS			:		

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

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SECTION I	
MANUFACTURER'S NAME INDUSTRIAL POLYCHEMICAL SERVICE	EMERGENCY TELEPHONE NO. (213) 321-6515
ADDRESS (Number, Street, City, State, and ZIP Code) 17109 S. MAIN STREET, P.O. BOX 471, GARDENA,	CALIFORNIA 90247
CHEMICAL NAME AND SYNONYMS N/A	WELD-ON 721 PVC PLASTIC PIPE
MIXTURE OF PVC RESIN AND ORGANIC SOLVENTS	N/A

. SECTION II - HAZARDOUS INGREDIENTS		
PAINTS, PRESERVATIVES, & SOLVENTS & ADHESIVES	APPROX. %	TLV (Units)
PIGMENTS/Dye: Blue Dye .		N/A
INERT FILLER		·N/A
RESIN Polyvinyl Chloride Resin		N/A
SOLVENTS See Below	80 - 86%	
ADDITIVES		
OTHERS		
HAZARDOUS MIXTURES OF-SOLVENTS		TLV (Units)
Tetrahydrofuran (THF) Major		200 PP
Dimethylformamide (DMF) Minor		10 PPM
	•	(Skin)

SEC	TION III - I	PHYSICAL DATA	
BOILING POINT (°F.) Based on 1st boiling comp THF	151°F	SPECIFIC GRAVITY (H2O=1)	0.965 + 0
VAPOR FRESSURE (MM Hg. Lowest boilir Component (THF) 6.25°C	190	PERCENT, VOLATILE	85 - 90%
VAPOR DENSITY (AIR=1)	2.49	(_BUAC=1) (Initially)	8
SOLUBILITY IN WATER Solvent portion PVC Resin	Precipita	ates	
APPLARANCE AND ODGR Blue color, M	Precipita		

	FIRE AND EX	PLOSION HAZARD DA	ATA	
FLASH POINT (Method used) T.O.C. 10°F		FLAMMABLE LIMITS	1.8	Uei
EXTINGUISHING MEDIA Dry chemical, carbon dioxide, SPECIAL FIRE FIGHTING PROCEDURES	foam - Ansul	"Purple K" - Natio	nal Aer-O-Fo	am
SPECIAL FIRE FIGHTING PROCEDURES Close or confined quarters req				
pressure hose masks or airline	masks.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Fire hazard	because of low fla	sh points, h	igh
	volatility a	and heavy vapor.		

EFFECTS OF CVEREXPOSURE Severe overexposure may result in nausea, dizziness, headache. Can cause narcosis, irritation of eyes and nasal passages. May irritate skin. May produce cumulative injury when repeatedly absorbed through skin in sufficient quantities, defatting effect of solvents on tissue.

EMERGENCY AND FIRST AID PROCEDURES If overcome by vapors, remove to fresh air and if breathing stopped, give artificial respiration. Liquid: remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Discard contaminated shoes. Wash skin with plenty of water for 15 minutes. Flush eyes with plenty of water for 15 minutes and call a physician. If swallowed, do not induce vomiting. Call physician

STABILITY	UNSTABLE		Keep away from heat, sparks, open flame and oth
	STABLE	Х	. sources of ignition.
	ounds, magnese ecomposition pro		ic, ammonia, inorganic acids, chromic acid, chlorate, strong oxidants and isocynates.
HAZARDOUS	MAY OC	CUR	CONDITIONS TO AVOID
	ION.		

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Flush with large volume of water. Contain liquid with sand or earth. Prevent liquid from entering sewers. WASTE DISPOSAL METHOD Incinerate. Excessive quantities should not be permitted to enter drains. Consult disposal expert. Follow local, state and Federal regulations.

	SECTION VIII - SPECIAL P	ROTECTION IN	FORMATION	
RESPIRATORY PR	ROTECTION (Specify type) None require	ed with normal Mine Safety	l ventilation. Use respirator Appliance Respirator Cat. No.	for 45943
VENTILATION	(Preferable) Provide normal	ventilation.	be well below TLV)	ould
14	6 air changes per hour.	minimum of	OTHER	
Rubber or P	OVES VA gloves are suitable.	Chemical safe	ety goggles to prevent splashi	ng ·
	IVE EQUIPMENT apron (if needed)	in eyes.		

SECTION IX · SPECIAL PRECAUTIONS PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep away from heat, sparks, open flame and other sources of ignition. Avoid prolonged breathing of vapor. Use with adequate ventilation. Avoid contact with skin. Store between 40°F and 110°F. OTHER PRECAUTIONS (Follow precautionary information given on container label) All handling equipment should be electrically grounded.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

immediately.

 WELD:ON

UNUSUAL FIRE AND EXPLOSION HAZARDS

air and may travel to source of ignition.

MATERIAL SAFETY DATA SHEET

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	SECTION I				
MANUFACTURER'S NAME			EMERGENCY T		0.
INDUSTRIAL POLYCHEMICAL SERVICE			(213) 32:	1-6515	
17109 SOUTH MAIN STREET, P.O. BOX 37	79. GARDENA	. CA. 9	0247		
CHEMICAL NAME AND FAMILY	,	TRADEN	AME .		
PVC PRIMER		Weld-0	n P-70 Prin	ner for PV	C Plastic Pir
Mixture of organic solvents			NA		
SECTION II - HA	AZARDOUS I	NGREDI	ENTS		
				APPROX. 9	(Units)
RESINS: NONE					
Tetrahydrofuran (THF) Major Compo	onent				200 PPM
Methyl Ethyl Ketone (MEK) Minor Co	mponent				200 PPM
Dimethylformamide (DMF) Very Min	or Componer	nt			10 PPM (SKI
Cyclohexanone Very Min	or Componer	nt			50 PPM
Purple Dye Trace Qu	antity				
	I - PHYSICA	L DATA			
Clear or Purple Color		coa Etherea	1		
151°F based on first boiling compone THF.	n+		0.870 ± 0.		
190 mm Hg. based on first boiling component - THF.		RCENT, VO		0%	
VAPOR DENSITY (AIR = 1) 2.49	(.	BUAC		itially 8	; •
Solvents completely soluble in water					
SECTION IV - FIRE AN	ND EXPLOSIO	ON HAZA	ARD DATA		
T.C.C. 6°F	FLAMMABLE LI		2	11	. 8
TRE EXTINGUISHING MEDIA	A 1 II D	. 1 - 1/11	N		
Dry chemical, carbon dioxide, foam - water fog.	Ansul "Pui	трте к.,	- National	. Aer-O-Fo	am,
PECIAL FIRE FIGHTING PROCEDURES Evacuate enc	locad areas	Ctar	un trind o	1200 000	on fidness
quarters require self-contained brea	thing anna	atus:	ositive pr	essure hos	onrined
or airline masks. Use water spray to	cool conta	iners.	to flush s	pills from	n source of
ignition, and to disperse vapors.		,			
NUSUAL FIRE AND EVELOSION MATARISE					

Fire hazard because of low flash point and high volatility. Vapors are heavier than

THRESHOLD LIMIT VALUE

See individual TLV on first page.

EFFECTS OF GVEREXPOSURE

Severe overexposure may result in nausea, dizziness, headache. Can cause narcosis, irritation of eyes and nasal passages. May irritate skin. May produce cumulative injury when repeatedly absorbed through skin in sufficient quantities, defatting effect of solvents on tissues.

MERGENCY AND FIRST AID PROCEDURES

INHALATION: If overcome by vapors, remove to fresh air and if breathing stopped, give artificial respiration - preferably mouth-to-mouth. If breathing

is difficult, give oxygen. Call a physician.

EYE AND SKIN CONTACT: Remove contaminated clothing and shoes. Wash skin with plenty

of water for at least 15 minutes. Flush eyes with plenty of water for

15 minutes and call a physician.

INGESTION:

If swallowed, do not induce vomiting. Call physician immediately.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	Х	Keep away from heat, sparks, open flame and other sources of ignition.

INCOMPATABILITY (Muterials to avoid)

Caustic, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocynates.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS	MAY OCCUR	conditions to avoid Keep away from heat, sparks, open flame and	
POLYMERIZATION	WILL NOT OCCUR	other sources of ignition.	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Flush with large volume of water. Contain liquid with sand or earth. Absorb with sand or nonflammable absorbent material and transfer into steel drums for recovery or disposal. Prevent liquid from entering drains.

WASTE DISPOSAL METHOD Follow local, state and Federal regulations. Consult disposal expert. Can be disposed of by incineration. Excessive quantities should not be permitted to enter drains.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) None required with adequate ventilation. Use NIOSH approved respirator for organic vapors for confined areas, e.g., Mine Safety Appliance Cat. #439433.

VENDLATION Provide adequate ventilation. Vapor concentration must be kept well below TLV.

ROTECTIVE GLOVES

Rubber

EYE PROTECTION

Chemical goggles

THER PROTECTIVE EQUIPMENT

Impervious apron (if needed)

SECTION IX - SPECIAL PRECAUTIONS

RECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in the shade between 40°F and 110°F. Keep away from heat, sparks, open flame and other sources of ignition. Avoid prolonged breathing of vapor. Use with adequate ventilation.

THER PRECAUTIONS Follow all precautionary information given on the container label, product bulletins and our solvent cementing literature. All handling equipment should be electrically grounded.

s information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding accuracy of these data or the results to be obtained from the use thereof.

or assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the fliaterial even

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	SECTI	ONI		
MANUFACTURER'S NAME Industrial Polychemical Service	-			EMERGENCY TELEPHONE NO. (213) 321-6515
ADDRESS (Number, Street, City, State, and 21P Code) 17109 S. Main Street, P.O. Box 471,	Garden	a, Cal	ifornia	90247
Solvent Cement for ABS Plastic Pipe			Weld-	AME AND SYNONYMS On 773 ABS Solvent Cement
Resin: ABS and Solvent: Ketone		FORMUL	A	

PAINTS, PRESERVATIVES, & SOLVENTS & ADHESIVES	APPROX. %	TLV (Units)
PIGMENTS	200	NA
INERT FILLER		NA
RESIN ABS (Acrylonitrile Butadiene Styrene) Plastic Resin (Blac	k) 15 - 25	
SOLVENTS Methyl Ethyl Ketone (2-Butanone)	75 - 85.	200 P
ADDITIVES		
OTHERS		
HAZARDOUS MIXTURES OF SOLVENTS		(Units)
•		

SECT	ION III -	PHYSICAL DATA	
BOILING POINT (°F.) Solvent - MEK	175.2	SPECIFIC GRAVITY (H2O=1) Typical	0.860+0.01
VAPOR PRESSURE (mm Hg.) @ 20°C	71.2	PERCENT, VOLATILE APPROX	85 to 90°
VAPOR BENEITY (A'RE)	2.5	EVACOBATION HATE Approx.	5.7
CLUEIÇITY, IN WATER S. Solvent & Apprex:	27.1		

APPEARANCE AND ODOR Black opaque, medium syrupy. liquid - Ketone odor.

PLOSION HAZARD DATA
FLAMMABLE LIMITS OF Let Uet 10.0
"Purple K" National Aer-0-Foam
tained breathing apparatus. Positive
ire hazard because of low flash point.

THRESHOLD LIMIT VALUE 200 PPM

EFFECTS OF OVEREXPOSURE may result in nausea, dizziness, headache; can cause narcosis irritation of eyes and nasal passages; normal defatting effect of solvents on

EMERGENCY AND FIRST AID PROCEDURES If overcome by vapors, remove to fresh air and if breathing stopped, give artificial respiration. Liquid: Remove contaminated clothing and shoes. Wash skin with plenty of water for 15 minutes. Flush eyes we plenty of water for 15 minutes and call a physician. If swallowed, induce vomit Flush eyes with Call a physician immediately. .

			-	
STABILITY	UNIST	UNSTABLE		open flame and other sources of ignition,
	STAB	LE	X	
austics, a	mmonia,	inorgan	ic aci	ids, chlorinated compounds, strong oxidants & isocvn
Caustics, a	mmonia,	inorgan	ic aci	
HAZARDOUS D		inorgan		conditions to Avoid Keep away from heat, sparks, open flame

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Flush with large volume of water. Contain liquid with sand or earth. Prevent liquid from entering drains.

WASTE DISPOSAL METHOD

Incinerate. Excessive quantities should not be permitted to enter drains. Consult disposal expert. Follow local, state and Federal regulations.

	SECTION VIII - SPECIAL	PROTECTION INFORMATION
RESPIRATORY P	rs for confined areas, e.g.,	red with normal ventilation. Use respirator Mine Safety appliance respirator Cat no. 45
VENTILATION	(Preferable) Provide normal	ventilation (be well below TLV.
Rubber glov		prevent splashing in eyes.
Impervious	apron (if needed)	

SECTION IX - SPECIAL PRECAUTIONS

Recautions to be taken in Handling and Storing and other sources of ignition. Avoid prolonged breathing of vapor. Use with adequate ventilation. Avoid contact with skin. Store between 40°F and 110°F.

OTHER PRECAUTIONS (Follow precautionary information given on container label.)

All handling equipment should be electrically grounded.

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SECTIO	I NC	***			
MANUFACTURER'S NAME INDUSTRIAL POLYCHEMICAL SERVICE		(213) 32	TELEPHONE NO 1-6515		
17109 SOUTH MAIN STREET, P.O. BOX 379, GA					
PVC PRIMER		NAME .	mer for DV	Plastic Pi	
Mixture of organic solvents	FORNU	~	mer for ryc	FIASLIC FI	
SECTION II - HAZARD	OUS INGRED	NA IENTS			
			APPROX. ×	TLV (Units)	
RESINS: NONE					
Tetrahydrofuran (THF) Major Component				200 PPM	
Methyl Ethyl Ketone (MEK) Minor Compone	nt			200 PPM	
Dimethylformamide (DMF) Very Minor Co	mponent			10 PPM (SKI	
Cyclohexanone Very Minor Co	mponent			50 PPM	
Purple Dye Trace Quantit	у	,			
SECTION III - PH	YSICAL DATA				
Clear or Purple Color	etherea	1			
151°F based on first boiling component - THF.		0.870 ± 0			
APOR PRESSURE (mm Hg.) 190 mm Hg. based on first boiling component - THF.	PERCENT, V BY VOLUME		0%		
APOR DENSITY (AIR = 1) 2,49	BUAC	EVAPORATION RATE . (
Solvents completely soluble in water					
SECTION IV - FIRE AND EX	PLOSION HAZ	ARD DATA			
ASH POINT .	ABLE LIMITS	LEL	UE	The state of the s	
	T BY VOLUME)	2	11.	8	
Dry chemical, carbon dioxide, foam - Ansu water fog.					
EVACUATE PIGHTING PROCEDURES Evacuate enclosed	areas. Stav	up wind.	Close or co	nfined	
quarters require self-contained breathing	apparatus;	positive pr	essure hose	masks	
or airline masks. Use water spray to cool	containers.	to flush s	pills from	source of	
ignition, and to disperse vapors.					

UNUSUAL FIRE AND EXPLOSION HAZARDS

ignition, and to disperse vapors.

Fire hazard because of low flash point and high volatility. Vapors are heavier than air and may travel to source of ignition.

THRESHOLD LIMIT VALUE

See individual TLV on first page.

EFFECTS OF GVEREXPOSURE

Severe overexposure may result in nausea, dizziness, headache. Can cause narcosis, irritation of eyes and nasal passages. May irritate skin. May produce cumulative injury when repeatedly absorbed through skin in sufficient quantities, defatting effect of solvents on tissues.

MERGENCY AND FIRST AID PROCEDURES

INHALATION: If overcome by vapors, remove to fresh air and if breathing stopped,

give artificial respiration - preferably mouth-to-mouth. If breathing

is difficult, give oxygen. Call a physician.

EYE AND SKIN CONTACT: Remove contaminated clothing and shoes. Wash skin with plenty

of water for at least 15 minutes. Flush eyes with plenty of water for

15 minutes and call a physician.

INGESTION: If swallowed, do not induce vomiting. Call physician immediately.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID	
			Keep away from heat, sparks, open flame and othe	r
	STABLE	Х	Keep away from heat, sparks, open flame and othe sources of ignition.	

INCOMPATABILITY (Muterials to avoid)

Caustic, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocynates.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS	MAY OCCUR	 conditions to avoid Keep away from heat, sparks, open flame and	
POLYMERIZATION	WILL NOT OCCUR	other sources of ignition.	

SECTION VII - SPILL OR LEAK PROCEDURES

Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Flush with large volume of water. Contain liquid with sand or earth. Absorb with sand or nonflammable absorbent material and transfer into steel drums for recovery or disposal. Prevent liquid from entering drains.

WASTE DISPOSAL METHOD Follow local, state and Federal regulations. Consult disposal expert. Can be disposed of by incineration. Excessive quantities should not be permitted to enter drains.

SECTION VIII - SPECIAL PROTECTION INFORMATION

None required with adequate ventilation. Use NIOSH approved respirator for organic vapors for confined areas, e.g., Mine Safety Appliance Cat. #439433.

JENTILATION Provide adequate ventilation. Vapor concentration must be kept well below TLV.

ROTECTIVE GLOVES

Rubber

EYE PROTECTION

Chemical goggles

THER PROTECTIVE EQUIPMENT

Impervious apron (if needed)

SECTION IX - SPECIAL PRECAUTIONS

RECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in the shade between 40°F and 110°F. Keep away from heat, sparks, open flame and other sources of ignition. Avoid prolonged breathing of vapor. Use with adequate ventilation.

THER PRECAUTIONS Follow all precautionary information given on the container label, product bulletins and our solvent cementing literature. All handling equipment should be electrically grounded.

s information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding accuracy of these data or the results to be obtained from the use thereof.

assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the Material 498n

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SECTION I	
MANUFACTUREA'S MAME Industrial Polychemical Service	EMERGENCY TELEPHONE NO. (213) 321-6515
Appress (Number Street, City, State, and Uf Code) 17109 S. Main Street, P.O. Box 471, Cardena,	California 90247
Liquid consisting of organic solvents	TRADE HAME AND SYNONYME
Mixture of PVC Resin and Organic Solvents	NA I

PAINTS, PRESERVATIVES, & SOLVENTS & ADHESIVES	APPROX. ×	TLV (Units)
INERT FILLER		NA
ZOURT FILLER		NA
RESIN Polyvinyl Chloride Resin	-	-
SOLVENTS See Below		NA
ADDITIVES	80 85%	
OTHERS		
HAZARDOUS MIXTURES OF SOLVENTS		TLV (Units)
Tetrahydrofuran (THF) Major .		-
Dimethylformamide (DMF) Minor		.200 PP
		10 PPM
		(Skin)

SECT	ION III - I	PHYSICAL DATA	
BOILING POINT ("F.) Based on 1st boil ing comp THE	- 151°F	SPECIFIC GRAVITY (M: 0-1) Typical	0.976+ 0
Component (THE) 12 250C	8 190	PERCENT, VOLATILE APPROX.	180 - 85%
VAPOR DENSITY (AIR-1)	2.49	EVAPORATION RATE	9
SOLUBILITY IN WATER SOLVERE PORTION	Precipita	es	-
		rupy liquid, Etheral odor	

SECTION IV - FIRE	AND EXPLOSION HAZARD DAT	Δ .	-
FLASH POINT (Method wied) (T.O.C.) 10 F EXTINGUISHING MEDIA	FLAMMABLE LIMITS	Lu	Uel
Dry chemical, carbondioxide, foam special fire fighting procedures Close or confined quarters require pressure hose masks or airline mas	calf contained builds	L Aer-O-Foa paratus. Po	sitive
JNUSUAL FIRE AND EXPLOSION HAZARDS	hazard because of low flash	nointe hi	a b
	tility and heavy vapor.	potitis, iii	χп

Page 1

(Continued on course side)

.0230-010

THRESHOLD LIMIT VALUE Tetrahydrofuran (THF) 200 PPM, Dimethylformamide (DMF) 10 PPM

Can cause narcosis, irritation of eyes and nasal passages. May irritate skin. May produce cumulative injury when repeatedly absorbed through skin in sufficient quantities, defatting effect of solvents on tissue.

EMERGENCY AND FIRST AID PROCEDURES If overcome by vapors, remove to fresh air and if breathing stopped, give artificial respiration. Liquid: Remove contaminated clothing and shoes. Wash skin with plenty of water for 15 minutes. Flush eyes with plenty of water for 15 minutes and call a physician. If swallowed, do not induce vomiting. Call physician immediately.

			SCUTTO	MA AL - H	EACTIVITY DATA			
STABILITY	UNSTA	BLE		Keep aw	vs to Avoio vav from heat, spark	s, open i	lame ar	d other
	STABL	E	X.	sources	of ignition.			
Caustic, an	monia,	norganic	acids	, chlori	nated compounds, st	rong oxid	lants &	isocvna
Caustic, and	monia, i	notganic	acids	, chlori	nated compounds, st			
HAZARDOUS POLYMERIZATI	ECOMPOSITI	norganic	acids	chlori	nated compounds, st	at, spark	s, open	

SECTION VII - SPILL OR LEAK PROCEDURES

Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Flush with large volume of water. Contain liquid with sand or earth. Prevent liquid from entering sewers.

waste DISPOSAL METHOD Incinerate. Excessive quantities should not be permitted to enter drains. Consult disposal expert. Follow local, state and Federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

organic vapors for confined areas, e.g., Mine safety appliance, respirator 5033

VENTILATION (Prefereable) Provide normal ventilation - (Vapor concentration should be well below TLV.

MECHANICAL ! Centerell Low point minimum of 6 air changes per hour.

Rubber'St PVX gloves are suitable.

EChempeair Safety goggles to prevent splashing

impervious apron (if needed.)

SECTION IX - SPECIAL PRECAUTIONS

Recautions to be taken in Hancking and Storing Keep away from heat, sparks, open flame and other sources of ignition. Avoid prolonged breathing of vapor. Use with adequate ventilation. Avoid contact with skin. Store between 40°F and 110°F.

OTHER PRECAUTIONS

(Follow precautionary information given on container label.)
All handling equipment should be electrically grounded.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

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